

FIG. 1

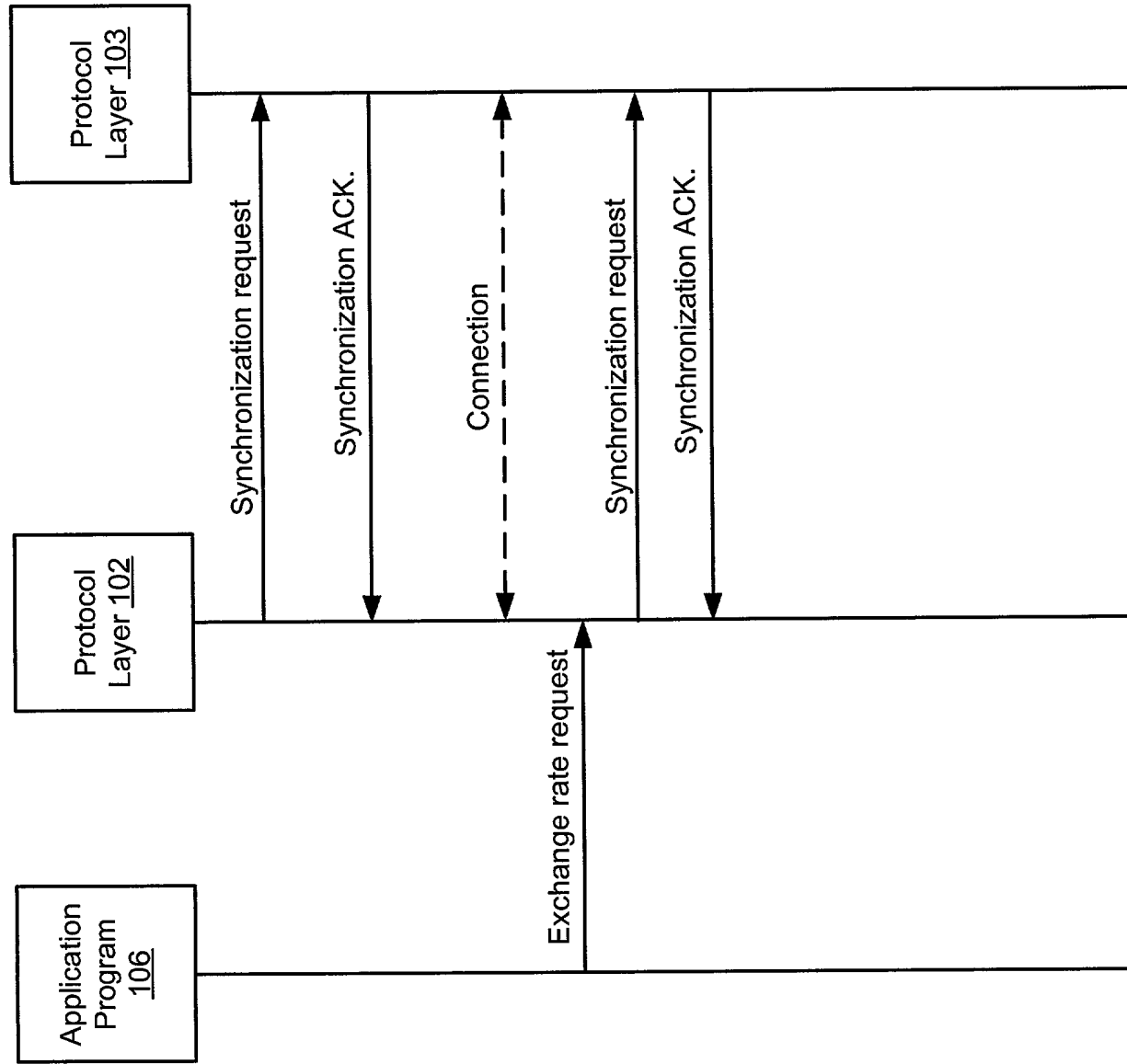


FIG. 2

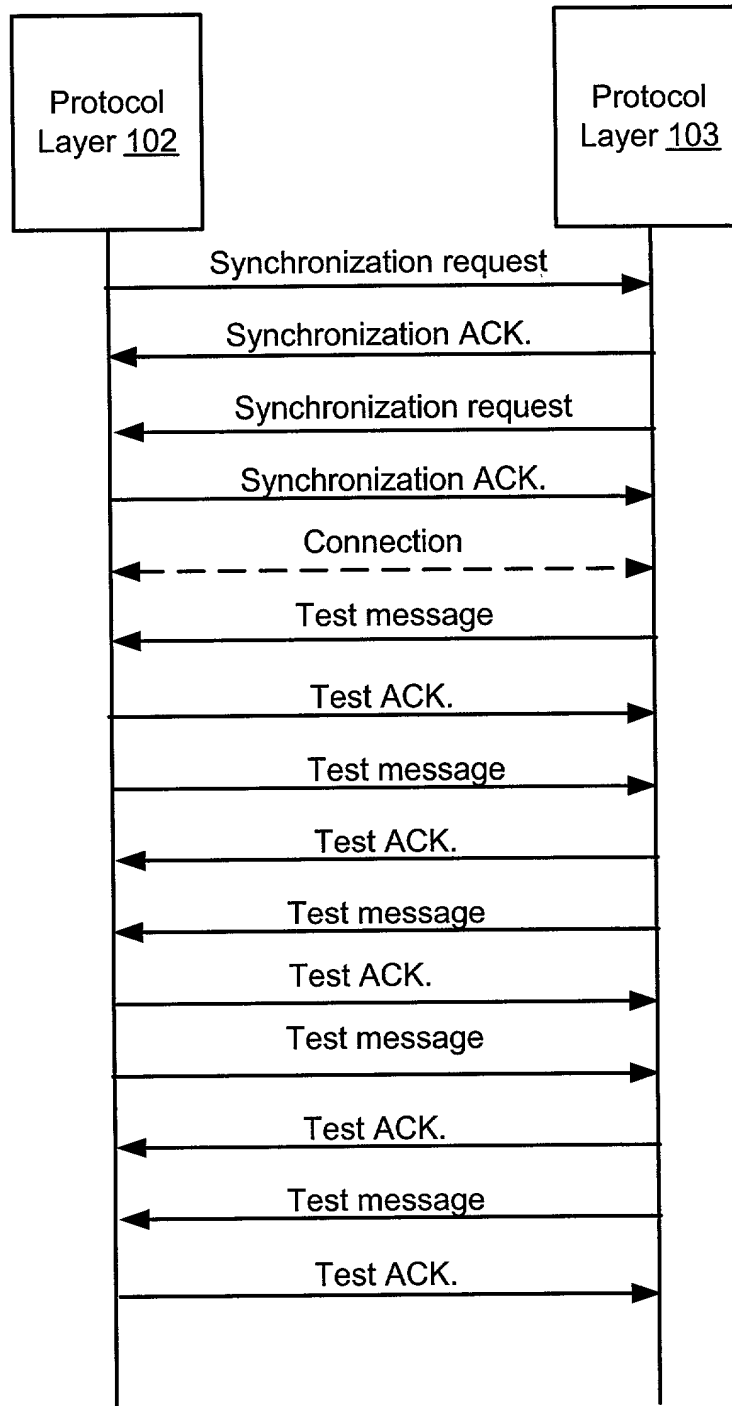


FIG. 3

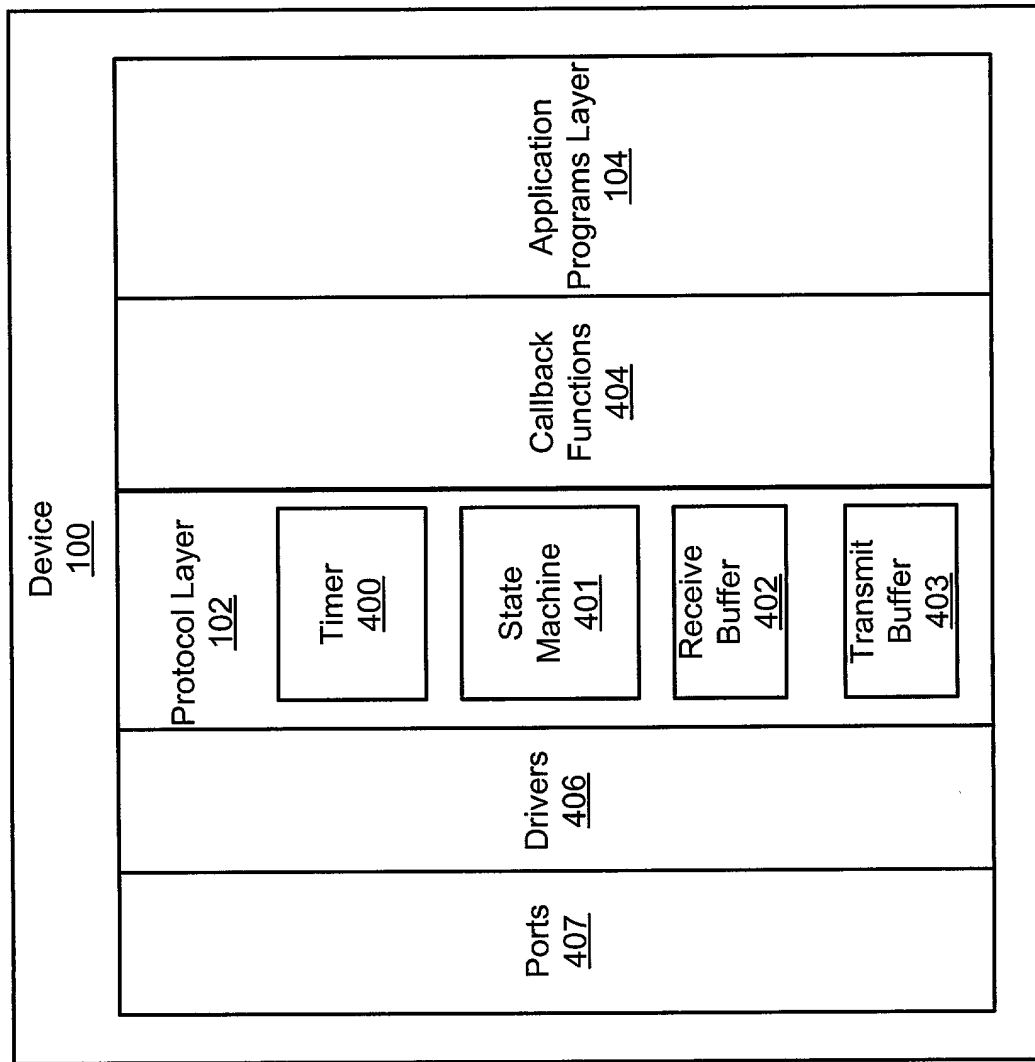


FIG. 4



FIG. 5

502

| | | | | | | | | |
|----------------------|-----------------------|---------------------------|--------------------------------|--------------------------|--------------------------|----------------------|--------------------|-----------------------|
| Device <u>600</u> | Control <u>601</u> | Source Add. <u>602</u> | Destination Add. <u>603</u> | Mess. Seq. <u>604</u> | Mess. ACK. <u>605</u> | Length <u>606</u> | Data <u>607</u> | Reserve <u>608</u> |
|----------------------|-----------------------|---------------------------|--------------------------------|--------------------------|--------------------------|----------------------|--------------------|-----------------------|

FIG. 6

700

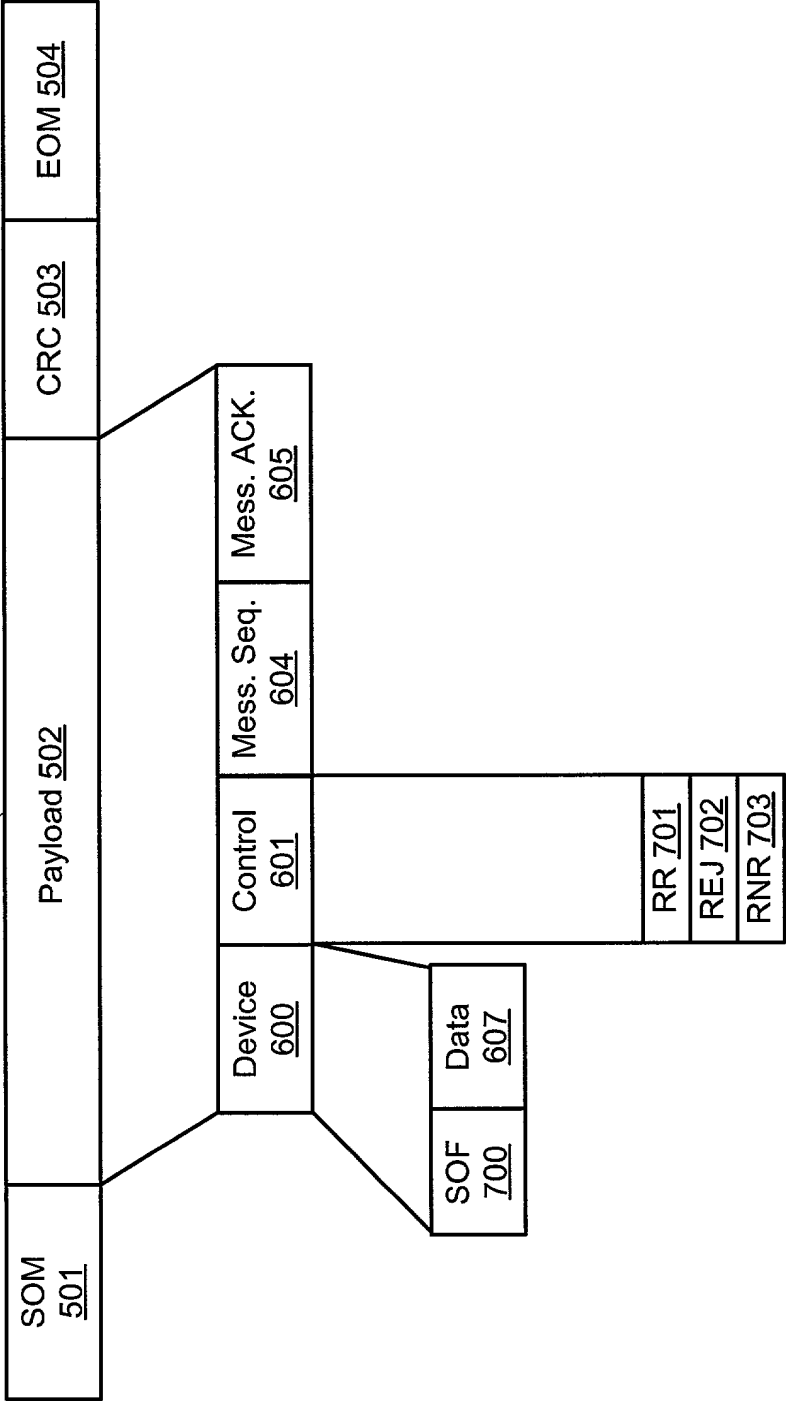


FIG. 7

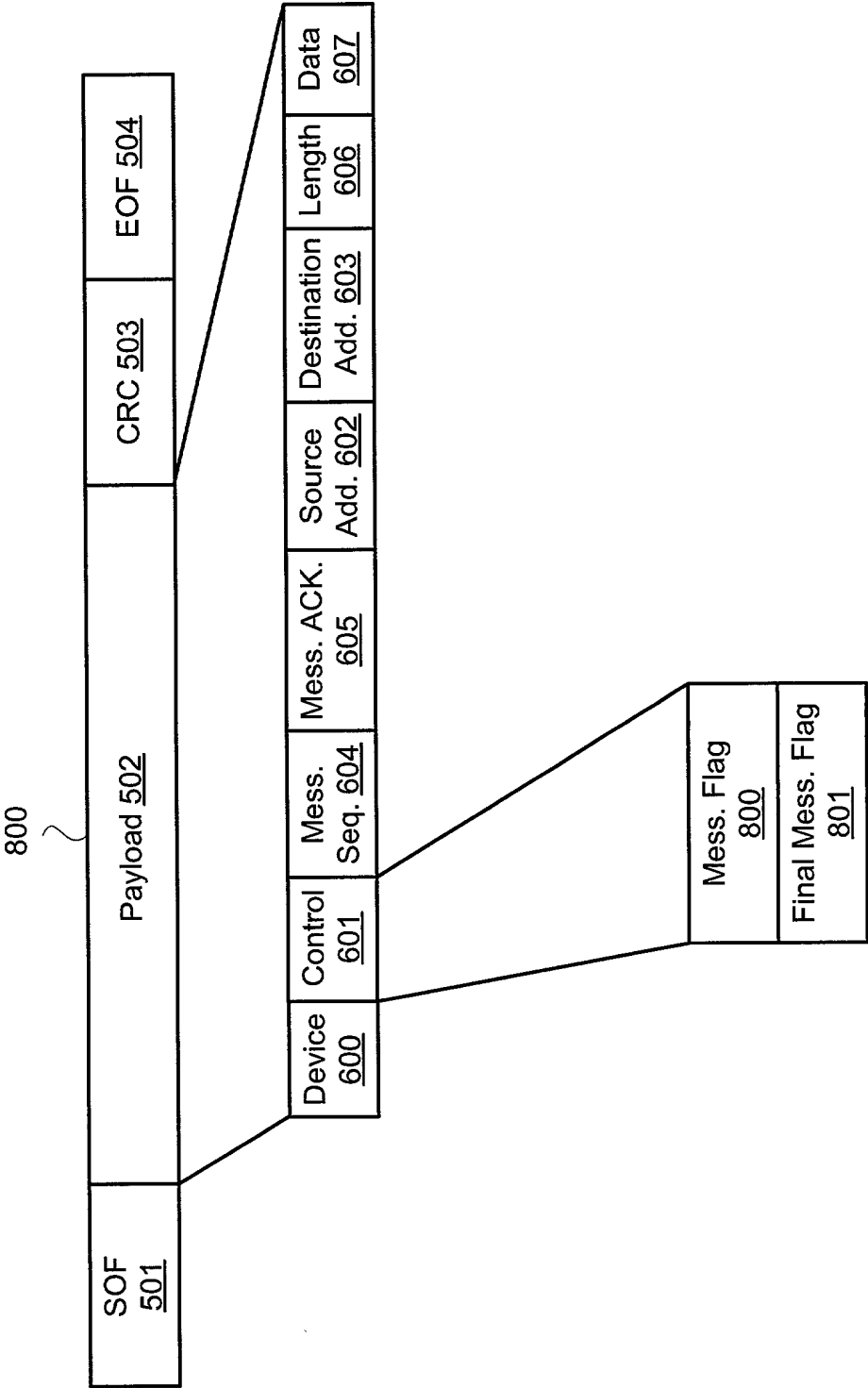


FIG. 8

| Received message in Device <u>100</u> | Responsive Action by Device <u>100</u> |
|--|---|
| Information message where data validation fails | Delete message - increment statistic |
| Information message where sequence validation fails | Supervisory reject |
| Receive time-out condition | Ignore received characters |
| Validated Information message | Supervisory receiver ready or not ready |
| Test message | Test ACK. |
| Reset message | Reset link |
| Synchronization request message | Synchronization ACK. message |
| Message reject | Report to application program and continue |
| Abort sequence message | Abort current receive message |

FIG. 9

| Received message in Device <u>100</u> | Responsive Action by Sending Device <u>101</u> |
|--|--|
| Synchronization request message | Connection down reset state machine or renegotiate rate |
| Supervisory receiver ready message | Message sent successfully |
| Time-out (no response) | Re-send message |
| Supervisory reject message (Reject) | Re-send requested message |
| Supervisory receiver not ready message | Start timer |
| Message reject | Delete message, send indication to app. program |

FIG. 10

FIG. 11

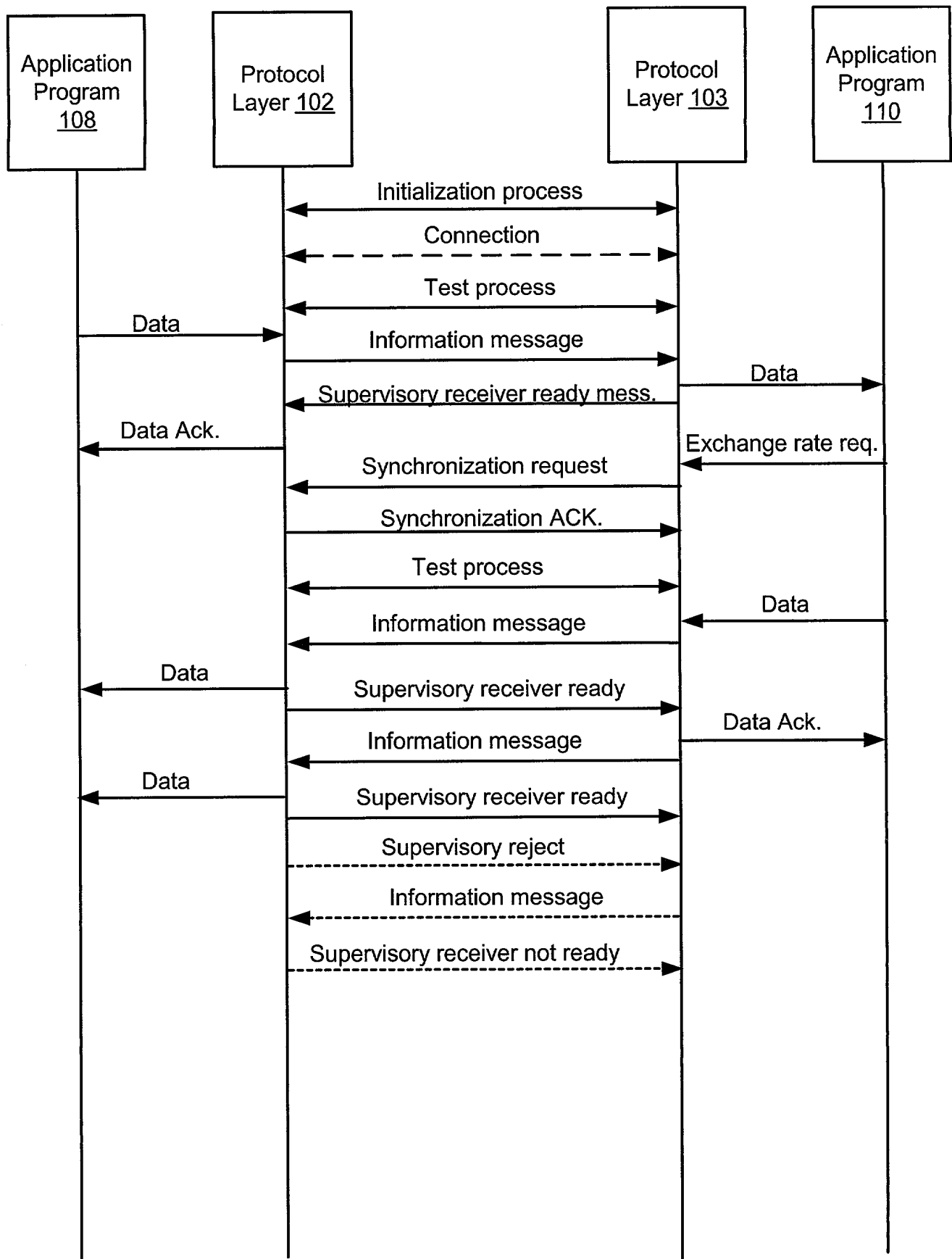


FIG. 11